

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Ionization Smoke Detector (Single/Multiple)

LISTEE: First Alert, 3901 Liberty St Rd, Aurora, IL 60504-8122
Contact: Mark Dippner (630) 851-7330 *FAX (630) 851-9309

DESIGN: Models SA 4120B and SA4121B 120 VAC powered with 9 VDC battery backup, Model SA4120 without battery backup, single and multiple station, ionization type smoke detectors. Model SA4121B has the "hush" feature that can silence the alarm. Refer to listee's data sheet for additional detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, or BRK Electronics, FamilyGard or Wake 'N Warn, model number, electrical rating and UL label.

APPROVAL: Listed as single/multiple station ionization smoke detectors. The following batteries may be used: Eveready 522, 1222, 216, Duracell MN1604, MN1604B, Gold Peak 1604P, 1604S, Rayovac 1604, D1604 and Ultralife U9VL-J.

These units can generate a distinctive temporal code pattern fire alarm signal in accordance with NFPA 72, 1999 Edition. Refer to listee's Installation Instructions Manual for details.

NOTE: The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen. The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flame. Sources of these fires may include cigarettes burning in couches or bedding.

*Rev. 06-03-2004



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**